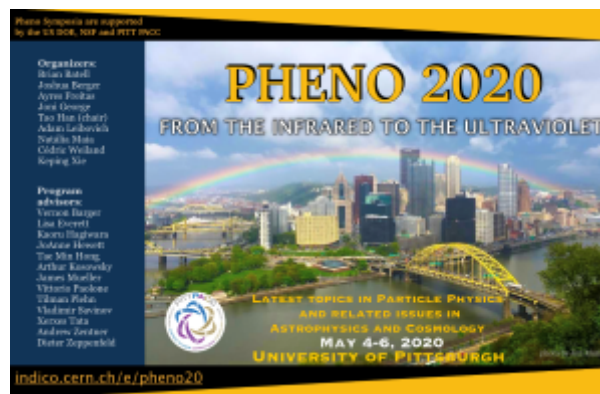


## Session Program

4-6 May 2020



## Phenomenology 2020 Symposium

### *Neutrinos III*

University of Pittsburgh  
Pittsburgh, PA 15260

Tuesday 5 May

16:30

Neutrinos III

Session | Convener: Ahmed Ismail

16:30-16:45    Gravitational Origin for Neutrino Masses

Speaker  
Hooman Davoudiasl

16:45-17:00    Dodelson-Widrow Mechanism in the Presence of Self-Interacting Neutrinos

Speaker  
Walter Tangarife

17:00-17:15    A renormalizable model of gauged neutrino self-interactions and the Hubble tension

Speaker  
Andreas Trautner

17:15-17:30    Neutrino-dark matter connections in gauge theories

Speaker  
Alexis Plascencia

17:30-17:45    Dark Matter annihilation to neutrinos: New limits and future prospects

Speaker  
Ali Kheirandish

17:45-18:00    GZK neutrinos through Earth

Speaker  
IBRAHIM SAFA

18:00-18:15    On the general characteristics of neutrino-driven outflows

Speaker  
Payel Mukhopadhyay

18:15-18:30    -

18:30